

FIGURE 1

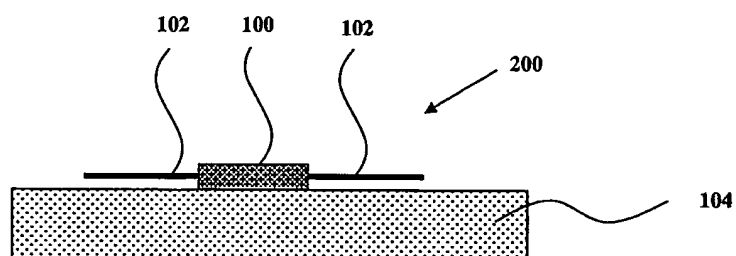


FIGURE 2A

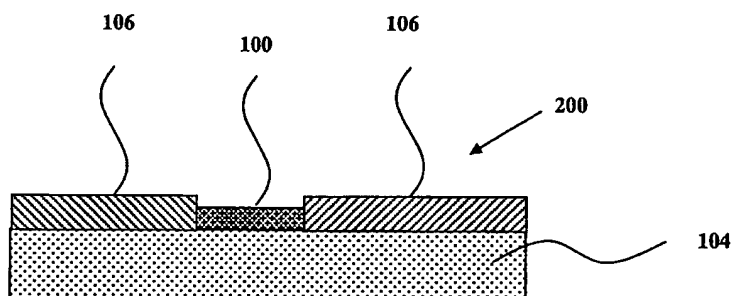


FIGURE 2B

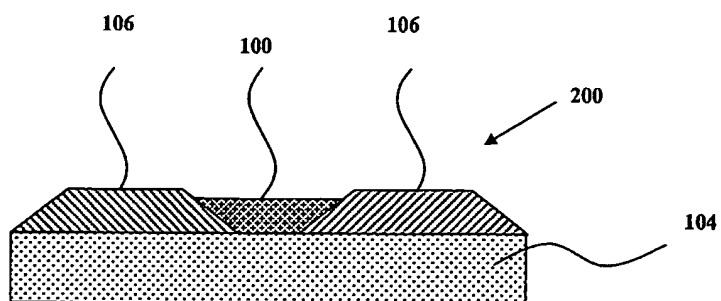


FIGURE 2C

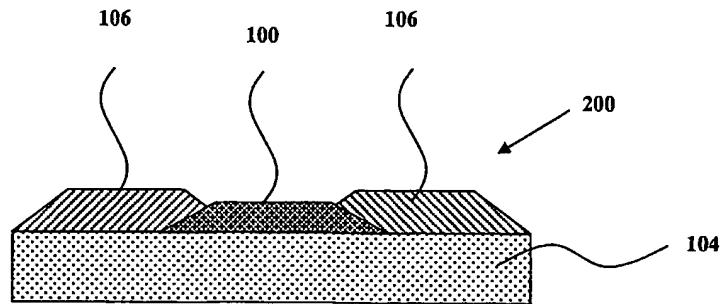


FIGURE 2D

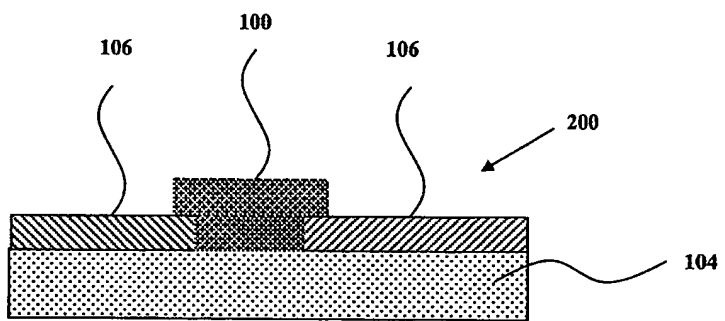


FIGURE 2E

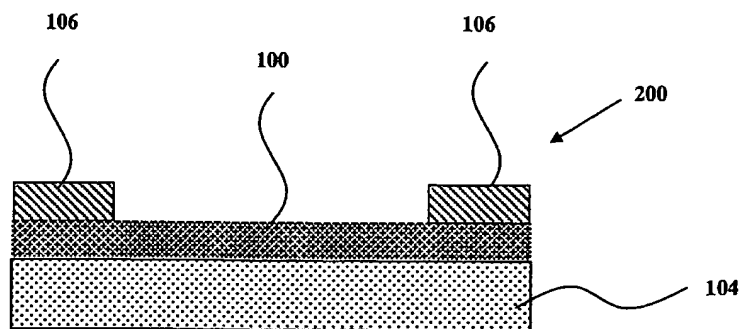


FIGURE 2F

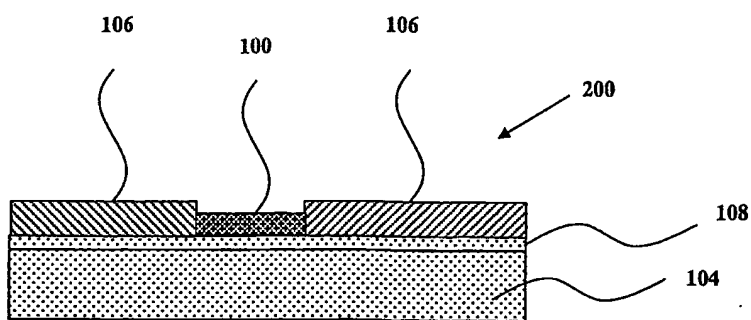


FIGURE 2G

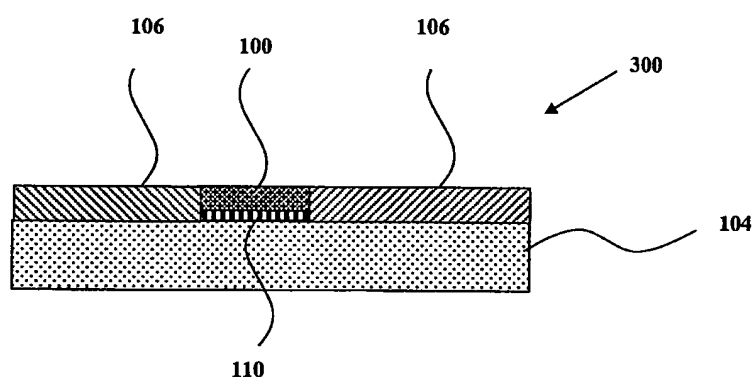


FIGURE 3A

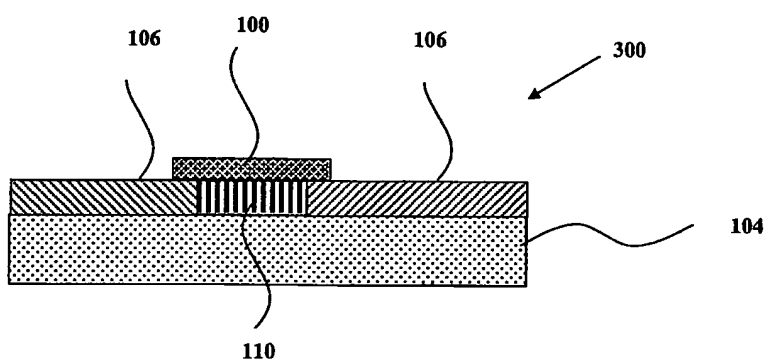


FIGURE 3B

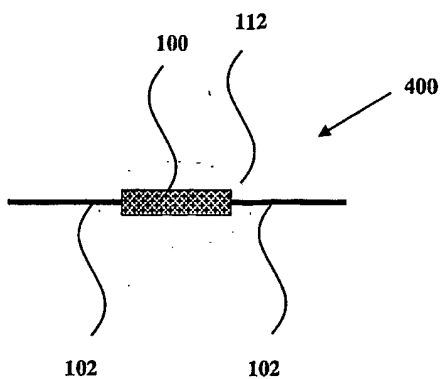


FIGURE 4A

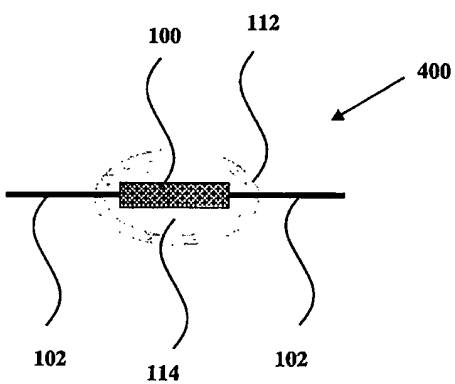


FIGURE 4B

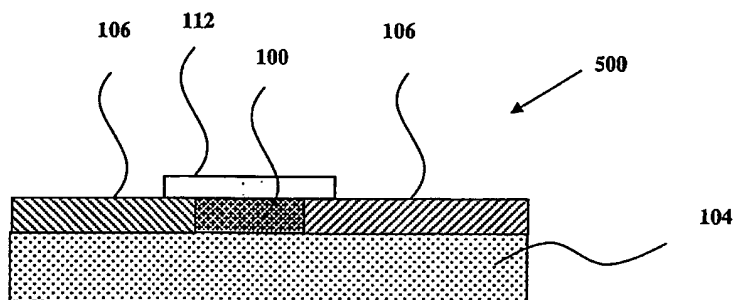


FIGURE 5

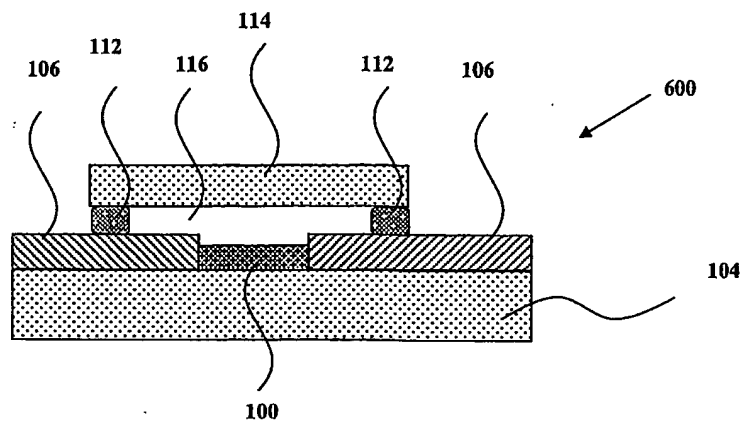
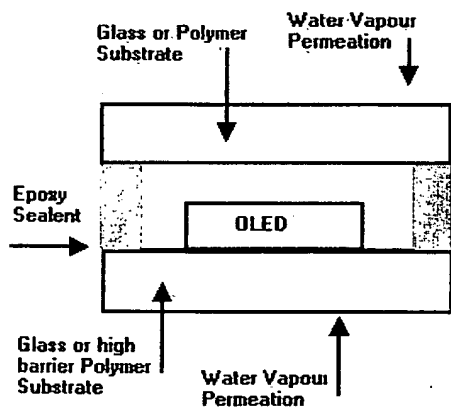
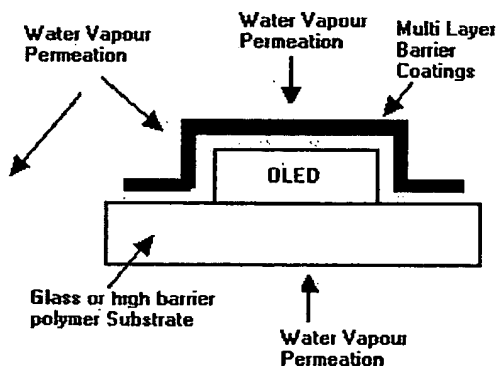


FIGURE 6



METHOD-A

FIGURE 7A



METHOD-B

FIGURE 7B

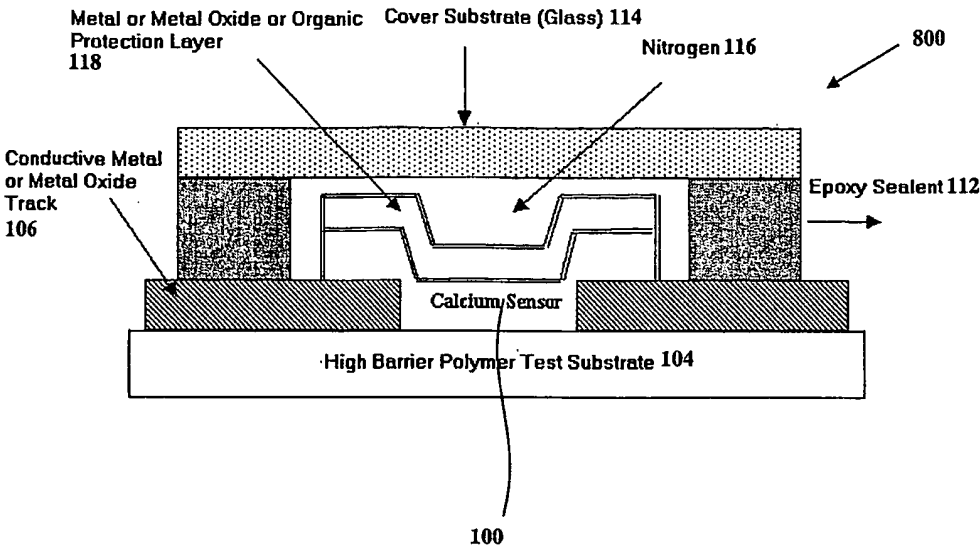


FIGURE 8

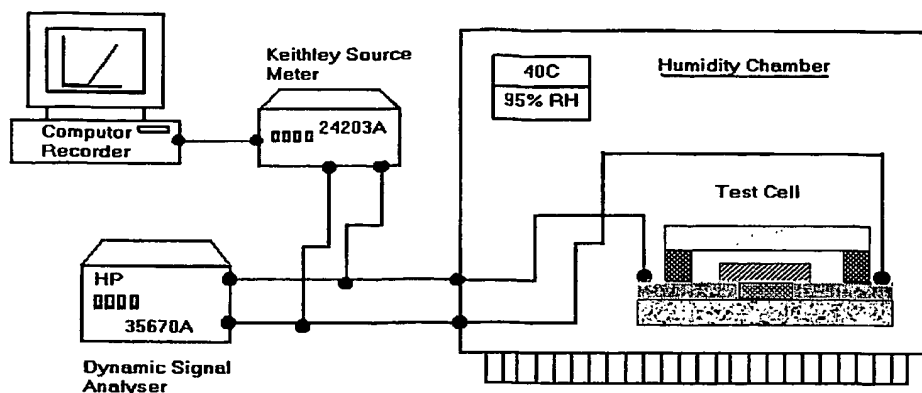


FIGURE 9

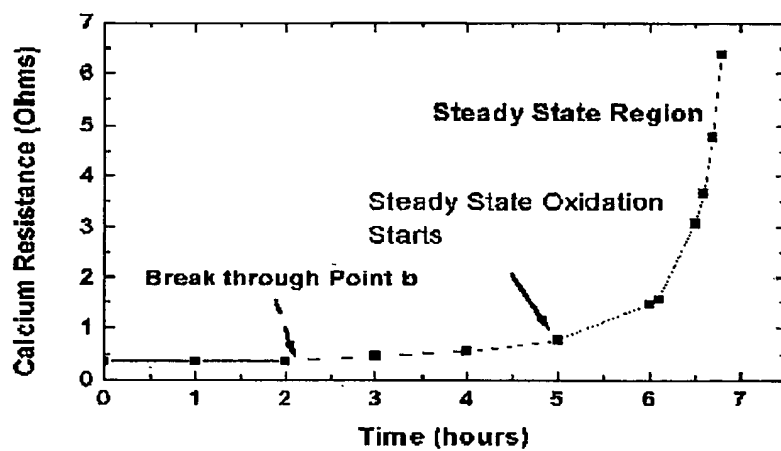


FIGURE 10A

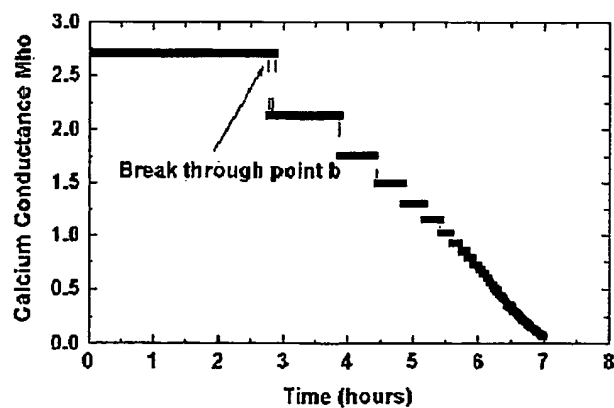


FIGURE 10B

NOT AVAILABLE COPY

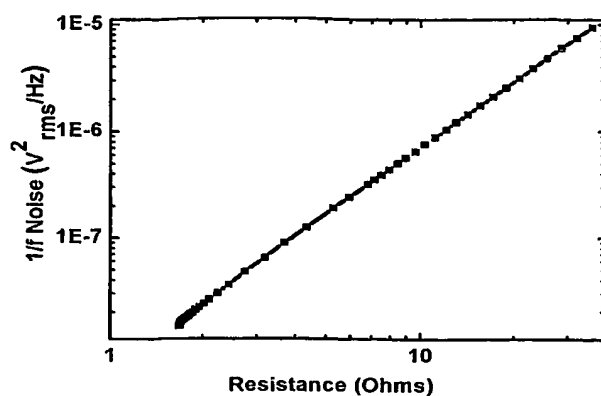


FIGURE 10C

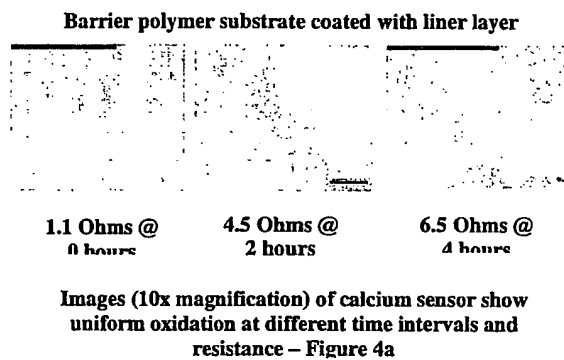
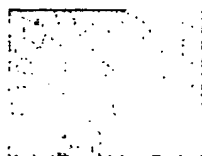


FIGURE 11A

**Barrier polymer substrate with out liner layer**



**Example image (10x magnification) of non-uniform oxidation – Figure 4b**

FIGURE 11B

**BEST AVAILABLE COPY**



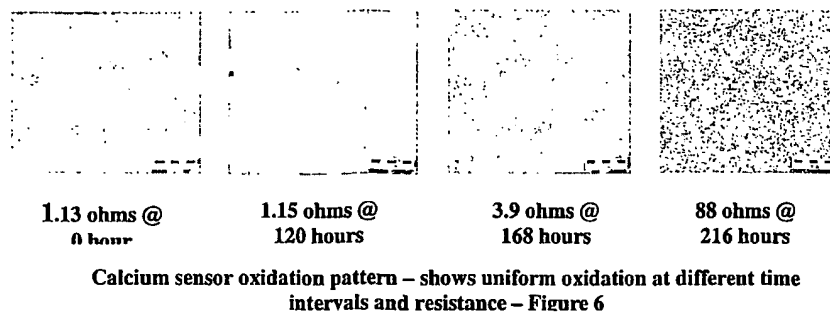


FIGURE 12A

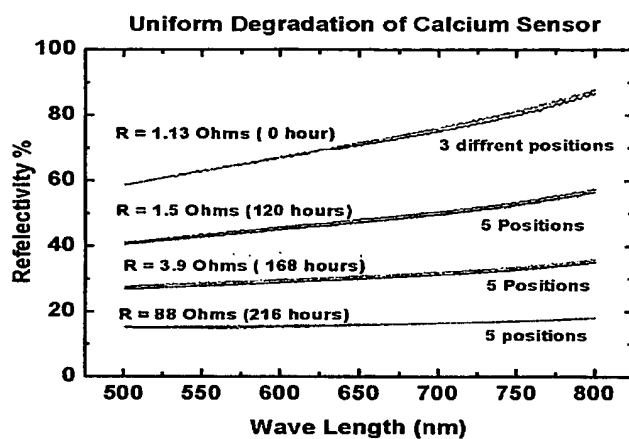


FIGURE 12B

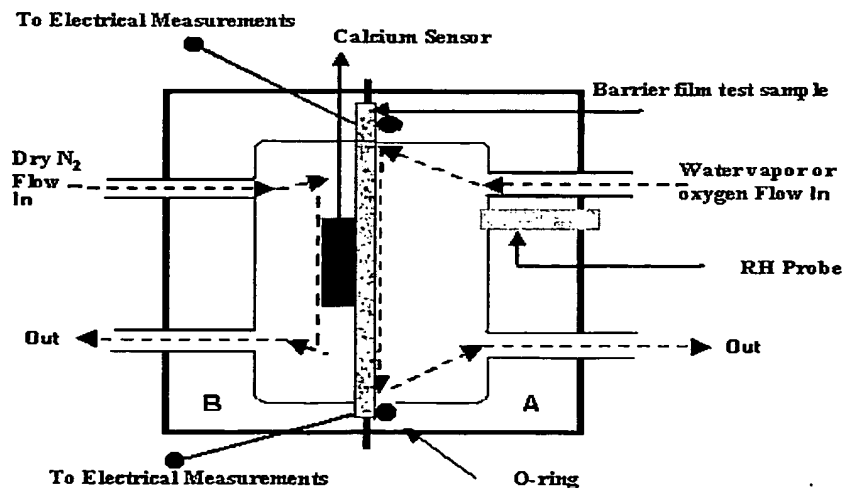


FIGURE 13